

**Table A-5.2. Employed scientists, engineers, technicians (SETs), and SET managers, in SICs 20-32 (selected manufacturing industries), and the relative standard error: 1998**

[Filled positions]

Page 1 of 46

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Meat products (SIC 2010)</b>			
Scientific and technical personnel.....	4,110	0.8	(nc)
Scientists.....	640	0.1	(nc)
Physical scientists.....	200	<	(nc)
Chemists.....	150	<	2
All other physical scientists.....	50	<	0
Life scientists.....	110	<	(nc)
All other life scientists.....	110	<	(nc)
Social scientists.....	10	<	(nc)
All other social scientists.....	10	<	(nc)
Computer analysts.....	320	0.1	4
Managers of scientific and technical personnel.....	480	0.1	5
Engineers.....	690	0.1	(nc)
Industrial.....	310	0.1	4
Mechanical.....	190	<	2
Other, n.e.c.....	190	<	(nc)
Technicians.....	2,300	0.5	(nc)
Computer programmer.....	360	0.1	3
Mechanical engineering technicians.....	90	<	2
All other engineering technicians.....	290	0.1	(nc)
Physical and life science technicians.....	1,560	0.3	(nc)
Biological science technician.....	990	0.2	<
Chemical technicians, except health.....	450	0.1	3
All other physical and life science technicians.....	120	<	0
<b>Dairy products (SIC 2020)</b>			
Scientific and technical personnel.....	4,690	3.3	(nc)
Scientists.....	770	0.5	(nc)
Physical scientists.....	310	0.2	(nc)
Chemists.....	270	0.2	1
All other physical scientists.....	40	<	4
Life scientists.....	130	0.1	(nc)
All other life scientists.....	130	0.1	(nc)
Social scientists.....	20	<	(nc)
All other social scientists.....	20	<	(nc)
Computer analysts.....	310	0.2	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Dairy products (SIC 2020) -- continued:</b>			
<b>Managers of scientific and technical personnel</b> .....	240	0.2	4
<b>Engineers</b> .....	590	0.4	(nc)
Industrial.....	360	0.3	2
Mechanical.....	110	0.1	4
Other, n.e.c.....	120	0.1	(nc)
<b>Technicians</b> .....	3,090	2.2	(nc)
Computer programmer.....	230	0.2	3
All other engineering technicians.....	250	0.2	(nc)
Physical and life science technicians.....	2,610	1.9	(nc)
Biological science technician.....	1,750	1.2	2
Chemical technicians, except health.....	710	0.5	3
All other physical and life science technicians.....	150	0.1	42
<b>Preserved fruits &amp; vegetables (SIC 2030)</b>			
<b>Scientific and technical personnel</b> .....	5,100	2.4	(nc)
<b>Scientists</b> .....	800	0.4	(nc)
Physical scientists.....	200	0.1	(nc)
Chemists.....	120	0.1	4
All other physical scientists.....	80	<	3
Life scientists.....	120	0.1	(nc)
All other life scientists.....	120	0.1	(nc)
Computer analysts.....	480	0.2	(nc)
<b>Managers of scientific and technical personnel</b> .....	560	0.3	1
<b>Engineers</b> .....	590	0.3	(nc)
Industrial.....	230	0.1	4
Mechanical.....	200	0.1	1
Other, n.e.c.....	160	0.1	(nc)
<b>Technicians</b> .....	3,150	1.5	(nc)
Computer programmer.....	220	0.1	1
Mechanical engineering technicians.....	60	<	3
All other engineering technicians.....	550	0.3	(nc)
Physical and life science technicians.....	2,320	1.1	(nc)
Biological science technician.....	1,810	0.8	2
Chemical technicians, except health.....	400	0.2	3
All other physical and life science technicians.....	110	0.1	3

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Grain mill products (SIC 2040)</b>			
<b>Scientific and technical personnel</b> .....	4,130	3.3	(nc)
<b>Scientists</b> .....	960	0.8	(nc)
Physical scientists.....	570	0.5	(nc)
Chemists.....	530	0.4	5
All other physical scientists.....	40	<	0
Life scientists.....	160	0.1	(nc)
All other life scientists.....	160	0.1	(nc)
Computer analysts.....	230	0.2	(nc)
<b>Managers of scientific and technical personnel</b> .....	510	0.4	2
<b>Engineers</b> .....	840	0.7	(nc)
Industrial.....	260	0.2	5
Mechanical.....	180	0.1	3
Other, n.e.c.....	400	0.3	(nc)
<b>Technicians</b> .....	1,820	1.5	(nc)
Computer programmer.....	140	0.1	4
Mechanical engineering technicians.....	40	<	3
All other engineering technicians.....	230	0.2	(nc)
Physical and life science technicians.....	1,410	1.1	(nc)
Biological science technician.....	940	0.8	3
Chemical technicians, except health.....	300	0.2	7
All other physical and life science technicians.....	170	0.1	7
<b>Bakery products (SIC 2050)</b>			
<b>Scientific and technical personnel</b> .....	2,240	1.1	(nc)
<b>Scientists</b> .....	210	0.1	(nc)
Physical scientists.....	30	<	(nc)
All other physical scientists.....	30	<	(nc)
Computer analysts.....	180	0.1	(nc)
<b>Managers of scientific and technical personnel</b> .....	320	0.2	1
<b>Engineers</b> .....	980	0.5	(nc)
Industrial.....	210	0.1	2
Mechanical.....	670	0.3	1
Other, n.e.c.....	100	0.1	3

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Bakery products (SIC 2050) -- continued:</b>			
<b>Technicians.....</b>	730	0.4	(nc)
Computer programmer.....	80	<	5
Mechanical engineering technicians.....	200	0.1	12
All other engineering technicians.....	180	0.1	(nc)
Physical and life science technicians.....	270	0.1	(nc)
Biological science technician.....	190	0.1	4
Chemical technicians, except health.....	80	<	10
<b>Sugar and confectionery products (SIC 2060)</b>			
<b>Scientific and technical personnel.....</b>	2,910	2.8	(nc)
<b>Scientists.....</b>	450	0.4	(nc)
Physical scientists.....	180	0.2	5
Chemists.....	180	0.2	5
Life scientists.....	80	0.1	(nc)
Agricultural scientists.....	30	<	14
All other life scientists.....	50	0.1	(nc)
Computer analysts.....	190	0.2	(nc)
<b>Managers of scientific and technical personnel.....</b>	260	0.3	3
<b>Engineers.....</b>	590	0.6	(nc)
Industrial.....	150	0.1	8
Mechanical.....	300	0.3	1
Other, n.e.c.....	140	0.1	7
<b>Technicians.....</b>	1,610	1.6	(nc)
Computer programmer.....	130	0.1	5
Mechanical engineering technicians.....	40	<	32
All other engineering technicians.....	260	0.3	(nc)
Physical and life science technicians.....	1,180	1.2	(nc)
Biological science technician.....	720	0.7	2
Chemical technicians, except health.....	340	0.3	3
All other physical and life science technicians.....	120	0.1	0
<b>Fats and oils (SIC 2070)</b>			
<b>Scientific and technical personnel.....</b>	950	3.1	(nc)
<b>Scientists.....</b>	180	0.6	(nc)
Physical scientists.....	90	0.3	10
Chemists.....	90	0.3	10
Computer analysts.....	90	0.3	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Fats and oils (SIC 2070) -- continued:</b>			
<b>Managers of scientific and technical personnel</b> .....	90	0.3	6
<b>Engineers</b> .....	230	0.7	(nc)
Industrial.....	40	0.1	0
Mechanical.....	40	0.1	2
Other, n.e.c.....	150	0.5	(nc)
<b>Technicians</b> .....	450	1.5	(nc)
Mechanical engineering technicians.....	30	0.1	0
Physical and life science technicians.....	420	1.4	(nc)
Biological science technician.....	150	0.5	3
Chemical technicians, except health.....	190	0.6	1
All other physical and life science technicians.....	80	0.3	3
<b>Beverages (SIC 2080)</b>			
<b>Scientific and technical personnel</b> .....	5,520	3	(nc)
<b>Scientists</b> .....	1,070	0.6	(nc)
All other mathematicians.....	20	<	(nc)
Physical scientists.....	740	0.4	(nc)
Chemists.....	630	0.3	8
All other physical scientists.....	110	0.1	1
Life scientists.....	40	<	(nc)
All other life scientists.....	40	<	(nc)
Computer analysts.....	270	0.2	2
<b>Managers of scientific and technical personnel</b> .....	640	0.3	1
<b>Engineers</b> .....	480	0.3	(nc)
Industrial.....	120	0.1	2
Mechanical.....	100	0.1	10
Sales.....	40	<	2
Other, n.e.c.....	220	0.1	(nc)
<b>Technicians</b> .....	3,330	1.8	(nc)
Computer programmer.....	120	0.1	5
Mechanical engineering technicians.....	50	<	16
All other engineering technicians.....	420	0.2	(nc)
Physical and life science technicians.....	2,740	1.5	(nc)
Biological science technician.....	1,760	1	2
Chemical technicians, except health.....	810	0.4	9
All other physical and life science technicians.....	170	0.1	8

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Misc. food and kindred products (SIC 2090)</b>			
<b>Scientific and technical personnel</b> .....	2,160	1.2	(nc)
<b>Scientists</b> .....	330	0.2	(nc)
Physical scientists.....	130	0.1	4
Chemists.....	130	0.1	4
Life scientists.....	60	<	(nc)
All other life scientists.....	60	<	(nc)
Computer analysts.....	140	0.1	(nc)
<b>Managers of scientific and technical personnel</b> .....	210	0.1	5
<b>Engineers</b> .....	420	0.2	(nc)
Industrial.....	130	0.1	9
Mechanical.....	170	0.1	7
Other, n.e.c.....	120	0.1	9
<b>Technicians</b> .....	1,200	0.7	(nc)
Computer programmer.....	90	0.1	3
All other engineering technicians.....	180	0.1	(nc)
Physical and life science technicians.....	930	0.5	(nc)
Biological science technician.....	760	0.4	11
Chemical technicians, except health.....	170	0.1	4
<b>Cigarettes (SIC 2110)</b>			
<b>Scientific and technical personnel</b> .....	4,770	18.3	(nc)
<b>Scientists</b> .....	2,680	10.3	(nc)
Physical scientists.....	760	2.9	(nc)
Chemists.....	720	2.8	0
All other physical scientists.....	40	0.2	0
Life scientists.....	40	0.2	(nc)
All other life scientists.....	40	0.2	(nc)
Computer analysts.....	1,880	7.2	(nc)
<b>Managers of scientific and technical personnel</b> .....	80	0.3	0
<b>Engineers</b> .....	830	3.2	(nc)
Industrial.....	270	1	0
Mechanical.....	220	0.9	0
Other, n.e.c.....	340	1.3	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Cigarettes (SIC 2110) -- continued:</b>			
<b>Technicians.....</b>	1,180	4.5	(nc)
Computer programmer.....	210	0.8	0
All other engineering technicians.....	750	2.9	(nc)
Physical and life science technicians.....	220	0.9	(nc)
All other physical and life science technicians.....	220	0.9	(nc)
<b>Chewing and smoking tobacco (SIC 2130)</b>			
<b>Scientific and technical personnel.....</b>	80	2.7	(nc)
<b>Scientists.....</b>	80	2.7	(nc)
Life scientists.....	30	1	(nc)
All other life scientists.....	30	1	(nc)
Computer analysts.....	50	1.7	(nc)
<b>Tobacco stemming and redrying (SIC 2140)</b>			
<b>Scientific and technical personnel.....</b>	40	0.5	(nc)
<b>Scientists.....</b>	40	0.5	(nc)
Computer analysts.....	40	0.5	(nc)
<b>Broadwoven fabric mills, cotton (SIC 2210)</b>			
<b>Scientific and technical personnel.....</b>	920	1.3	(nc)
<b>Scientists.....</b>	180	0.3	(nc)
Physical scientists.....	50	0.1	8
Chemists.....	50	0.1	8
Computer analysts.....	130	0.2	(nc)
<b>Managers of scientific and technical personnel.....</b>	110	0.2	1
<b>Engineers.....</b>	240	0.3	(nc)
Industrial.....	170	0.2	1
Mechanical.....	30	<	3
Other, n.e.c.....	40	0.1	(nc)
<b>Technicians.....</b>	390	0.6	(nc)
Computer programmer.....	60	0.1	4
All other engineering technicians.....	170	0.3	(nc)
Physical and life science technicians.....	160	0.2	0
Chemical technicians, except health.....	160	0.2	0

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Broadwoven fabric mills, manmade (SIC 2220)</b>			
<b>Scientific and technical personnel.....</b>	1,530	2.5	(nc)
<b>Scientists.....</b>	230	0.4	(nc)
Physical scientists.....	60	0.1	3
Chemists.....	60	0.1	3
Computer analysts.....	170	0.3	(nc)
<b>Managers of scientific and technical personnel.....</b>	160	0.3	4
<b>Engineers.....</b>	690	1.1	(nc)
Industrial.....	190	0.3	18
Mechanical.....	110	0.2	0
Sales.....	190	0.3	3
Other, n.e.c.....	200	0.3	(nc)
<b>Technicians.....</b>	450	0.7	(nc)
Computer programmer.....	80	0.1	10
Electrical/electronics engineering technician.....	30	0.1	0
All other engineering technicians.....	200	0.3	(nc)
Physical and life science technicians.....	140	0.2	11
Chemical technicians, except health.....	140	0.2	11
<b>Broadwoven fabric mills, wool (SIC 2230)</b>			
<b>Scientific and technical personnel.....</b>	120	1	(nc)
<b>Scientists.....</b>	70	0.6	(nc)
Computer analysts.....	70	0.6	(nc)
<b>Technicians.....</b>	50	0.4	21
All other engineering technicians.....	50	0.4	21
<b>Narrow fabric mills (SIC 2240)</b>			
<b>Scientific and technical personnel.....</b>	290	1.4	(nc)
<b>Scientists.....</b>	50	0.2	(nc)
Physical scientists.....	10	0.1	(nc)
All other physical scientists.....	10	0.1	(nc)
Computer analysts.....	40	0.2	(nc)
<b>Managers of scientific and technical personnel.....</b>	40	0.2	12

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Narrow fabric mills (SIC 2240) -- continued:</b>			
Engineers.....	90	0.4	(nc)
Other, n.e.c.....	90	0.4	(nc)
Technicians.....	110	0.5	(nc)
All other engineering technicians.....	70	0.3	(nc)
Physical and life science technicians.....	40	0.2	0
Chemical technicians, except health.....	40	0.2	0
<b>Knitting mills (SIC 2250)</b>			
Scientific and technical personnel.....	1,370	0.9	(nc)
Scientists.....	190	0.1	(nc)
Physical scientists.....	50	<	4
Chemists.....	50	<	4
Computer analysts.....	140	0.1	3
Managers of scientific and technical personnel.....	110	0.1	3
Engineers.....	300	0.2	(nc)
Industrial.....	160	0.1	9
Other, n.e.c.....	140	0.1	(nc)
Technicians.....	770	0.5	(nc)
Computer programmer.....	150	0.1	3
All other engineering technicians.....	370	0.3	(nc)
Physical and life science technicians.....	250	0.2	6
Chemical technicians, except health.....	250	0.2	6
<b>Textile finishing, except wool (SIC 2260)</b>			
Scientific and technical personnel.....	1,180	1.9	(nc)
Scientists.....	240	0.4	(nc)
Physical scientists.....	140	0.2	22
Chemists.....	140	0.2	22
Computer analysts.....	100	0.2	(nc)
Managers of scientific and technical personnel.....	50	0.1	2
Engineers.....	210	0.3	(nc)
Industrial.....	100	0.2	13
Mechanical.....	70	0.1	2
Other, n.e.c.....	40	0.1	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Textile finishing, except wool (SIC 2260) -- continued:</b>			
<b>Technicians.....</b>	680	1.1	(nc)
Computer programmer.....	90	0.1	19
Mechanical engineering technicians.....	40	0.1	2
All other engineering technicians.....	250	0.4	(nc)
Physical and life science technicians.....	300	0.5	3
Chemical technicians, except health.....	300	0.5	3
<b>Carpets and rugs (SIC 2270)</b>			
<b>Scientific and technical personnel.....</b>	1,020	1.6	(nc)
<b>Scientists.....</b>	180	0.3	(nc)
Physical scientists.....	40	0.1	33
Chemists.....	40	0.1	33
Computer analysts.....	140	0.2	6
<b>Managers of scientific and technical personnel.....</b>	120	0.2	3
<b>Engineers.....</b>	280	0.4	(nc)
Industrial.....	100	0.2	0
Mechanical.....	120	0.2	0
Other, n.e.c.....	60	0.1	0
<b>Technicians.....</b>	440	0.7	(nc)
Computer programmer.....	90	0.1	4
All other engineering technicians.....	180	0.3	(nc)
Physical and life science technicians.....	170	0.3	(nc)
Chemical technicians, except health.....	130	0.2	23
All other physical and life science technicians.....	40	0.1	0
<b>Yarn and thread mills (SIC 2280)</b>			
<b>Scientific and technical personnel.....</b>	980	1.1	(nc)
<b>Scientists.....</b>	60	0.1	(nc)
Computer analysts.....	60	0.1	(nc)
<b>Managers of scientific and technical personnel.....</b>	80	0.1	14
<b>Engineers.....</b>	350	0.4	(nc)
Industrial.....	140	0.2	8
Mechanical.....	150	0.2	45
Other, n.e.c.....	60	0.1	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Yarn and thread mills (SIC 2280) -- continued:</b>			
<b>Technicians</b> .....	490	0.6	(nc)
Computer programmer.....	40	0.1	6
All other engineering technicians.....	240	0.3	(nc)
Physical and life science technicians.....	210	0.2	5
Chemical technicians, except health.....	210	0.2	5
<b>Miscellaneous textile goods (SIC 2290)</b>			
<b>Scientific and technical personnel</b> .....	2,200	4	(nc)
<b>Scientists</b> .....	290	0.5	(nc)
Physical scientists.....	160	0.3	4
Chemists.....	160	0.3	4
Computer analysts.....	130	0.2	(nc)
<b>Managers of scientific and technical personnel</b> .....	230	0.4	4
<b>Engineers</b> .....	860	1.6	(nc)
Industrial.....	310	0.6	2
Mechanical.....	290	0.5	2
Sales.....	60	0.1	0
Other, n.e.c.....	200	0.4	(nc)
<b>Technicians</b> .....	820	1.5	(nc)
Computer programmer.....	90	0.2	2
Mechanical engineering technicians.....	100	0.2	1
All other engineering technicians.....	270	0.5	(nc)
Physical and life science technicians.....	360	0.7	(nc)
Chemical technicians, except health.....	310	0.6	7
All other physical and life science technicians.....	50	0.1	0
<b>Men's &amp; boys' suits and coats (SIC 2310)</b>			
<b>Scientific and technical personnel</b> .....	130	0.5	(nc)
<b>Scientists</b> .....	80	0.3	(nc)
Computer analysts.....	80	0.3	(nc)
<b>Engineers</b> .....	50	0.2	0
Industrial.....	50	0.2	0

See explanatory information and SOURCE at end of table.

## [Filled positions]

Page 12 of 46

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Men's &amp; boys' furnishings (SIC 2320)</b>			
<b>Scientific and technical personnel</b> .....	1,510	0.9	(nc)
<b>Scientists</b> .....	430	0.3	(nc)
Computer analysts.....	430	0.3	(nc)
<b>Managers of scientific and technical personnel</b> .....	170	0.1	5
<b>Engineers</b> .....	370	0.2	(nc)
Industrial.....	230	0.1	6
Mechanical.....	60	<	10
Other, n.e.c.....	80	0.1	(nc)
<b>Technicians</b> .....	540	0.3	(nc)
Computer programmer.....	300	0.2	9
All other engineering technicians.....	190	0.1	(nc)
Physical and life science technicians.....	50	<	(nc)
All other physical and life science technicians.....	50	<	(nc)
<b>Women's and misses' outerwear (SIC 2330)</b>			
<b>Scientific and technical personnel</b> .....	450	0.2	(nc)
<b>Scientists</b> .....	170	0.1	(nc)
Computer analysts.....	170	0.1	(nc)
<b>Managers of scientific and technical personnel</b> .....	60	<	5
<b>Engineers</b> .....	90	<	(nc)
Industrial.....	50	<	5
Other, n.e.c.....	40	<	(nc)
<b>Technicians</b> .....	130	0.1	(nc)
Computer programmer.....	80	<	6
All other engineering technicians.....	50	<	(nc)
<b>Women's and children's undergarments (SIC 2340)</b>			
<b>Scientific and technical personnel</b> .....	300	1	(nc)
<b>Scientists</b> .....	90	0.3	(nc)
Computer analysts.....	90	0.3	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Women's and children's undergarments (SIC 2340) -- continued:</b>			
<b>Engineers</b> .....	120	0.4	(nc)
Industrial.....	50	0.2	5
Other, n.e.c.....	70	0.2	(nc)
<b>Technicians</b> .....	90	0.3	(nc)
Computer programmer.....	50	0.2	0
All other engineering technicians.....	40	0.1	2
<b>Hats, caps, and millinery (SIC 2350)</b>			
<b>Scientific and technical personnel</b> .....	40	0.3	(nc)
<b>Scientists</b> .....	40	0.3	(nc)
Computer analysts.....	40	0.3	(nc)
<b>Girls' and children's outerwear (SIC 2360)</b>			
<b>Scientific and technical personnel</b> .....	80	0.4	(nc)
<b>Scientists</b> .....	40	0.2	(nc)
Computer analysts.....	40	0.2	(nc)
<b>Engineers</b> .....	30	0.1	10
Industrial.....	30	0.1	10
<b>Technicians</b> .....	10	0.1	(nc)
Physical and life science technicians.....	10	0.1	(nc)
All other physical and life science technicians.....	10	0.1	(nc)
<b>Miscellaneous apparel and accessories (SIC 2380)</b>			
<b>Scientific and technical personnel</b> .....	290	1	(nc)
<b>Scientists</b> .....	100	0.3	(nc)
Physical scientists.....	30	0.1	(nc)
All other physical scientists.....	30	0.1	(nc)
Computer analysts.....	70	0.2	(nc)
<b>Engineers</b> .....	70	0.2	(nc)
Industrial.....	40	0.1	3
Other, n.e.c.....	30	0.1	(nc)
<b>Technicians</b> .....	120	0.4	(nc)
Computer programmer.....	40	0.1	3
All other engineering technicians.....	80	0.3	(nc)

See explanatory information and SOURCE at end of table.

[Filled positions]

Page 14 of 46

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Misc. fabricated textile products (SIC 2390)</b>			
<b>Scientific and technical personnel</b> .....	2,110	1	(nc)
<b>Scientists</b> .....	150	0.1	(nc)
Computer analysts.....	150	0.1	(nc)
<b>Managers of scientific and technical personnel</b> .....	260	0.1	14
<b>Engineers</b> .....	1,090	0.5	(nc)
Industrial.....	430	0.2	3
Mechanical.....	240	0.1	20
Sales.....	40	<	3
Other, n.e.c.....	380	0.2	(nc)
<b>Technicians</b> .....	610	0.3	(nc)
Computer programmer.....	110	0.1	7
Mechanical engineering technicians.....	90	<	20
All other engineering technicians.....	410	0.2	(nc)
<b>Logging (SIC 2410)</b>			
<b>Scientific and technical personnel</b> .....	600	0.8	(nc)
<b>Scientists</b> .....	560	0.7	7
Life scientists.....	560	0.7	7
Foresters and conservation scientists.....	560	0.7	7
<b>Technicians</b> .....	40	0.1	(nc)
All other engineering technicians.....	40	0.1	(nc)
<b>Sawmills and planing mills (SIC 2420)</b>			
<b>Scientific and technical personnel</b> .....	1,890	1	(nc)
<b>Scientists</b> .....	1,170	0.7	(nc)
Life scientists.....	800	0.4	6
Foresters and conservation scientists.....	800	0.4	6
Computer analysts.....	370	0.2	(nc)
<b>Managers of scientific and technical personnel</b> .....	180	0.1	7
<b>Engineers</b> .....	270	0.2	(nc)
Industrial.....	80	<	5
Mechanical.....	120	0.1	16
Other, n.e.c.....	70	<	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Sawmills and planing mills (SIC 2420) -- continued:</b>			
<b>Technicians.....</b>	270	0.1	(nc)
Drafter.....	40	<	18
All other engineering technicians.....	190	0.1	(nc)
Physical and life science technicians.....	40	<	(nc)
All other physical and life science technicians.....	40	<	(nc)
<b>Millwork, plywood &amp; structural members (SIC 2430)</b>			
<b>Scientific and technical personnel.....</b>	6,500	2.1	(nc)
<b>Scientists.....</b>	900	0.3	(nc)
Operations and systems researchers and analysts.....	60	<	0
Life scientists.....	150	0.1	1
Foresters and conservation scientists.....	150	0.1	1
Computer analysts.....	690	0.2	(nc)
<b>Managers of scientific and technical personnel.....</b>	560	0.2	13
<b>Engineers.....</b>	1,340	0.4	(nc)
Industrial.....	330	0.1	13
Mechanical.....	410	0.1	3
Sales.....	200	0.1	10
Other, n.e.c.....	400	0.1	(nc)
<b>Technicians.....</b>	3,700	1.2	(nc)
Computer programmer.....	310	0.1	4
Drafter.....	2,640	0.8	4
Mechanical engineering technicians.....	190	0.1	3
All other engineering technicians.....	510	0.2	(nc)
Physical and life science technicians.....	50	<	(nc)
All other physical and life science technicians.....	50	<	(nc)
<b>Wood containers (SIC 2440)</b>			
<b>Scientific and technical personnel.....</b>	120	0.2	(nc)
<b>Scientists.....</b>	30	0.1	(nc)
Life scientists.....	30	0.1	(nc)
All other life scientists.....	30	0.1	(nc)
<b>Engineers.....</b>	30	0.1	(nc)
Other, n.e.c.....	30	0.1	(nc)
<b>Technicians.....</b>	60	0.1	(nc)
All other engineering technicians.....	60	0.1	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Wood buildings and mobile homes (SIC 2450)</b>			
<b>Scientific and technical personnel</b> .....	1,910	1.9	(nc)
<b>Scientists</b> .....	40	<	13
Computer analysts.....	40	<	13
<b>Managers of scientific and technical personnel</b> .....	150	0.2	4
<b>Engineers</b> .....	380	0.4	(nc)
Industrial.....	50	0.1	10
Mechanical.....	160	0.2	5
Sales.....	100	0.1	5
Other, n.e.c.....	70	0.1	(nc)
<b>Technicians</b> .....	1,340	1.3	(nc)
Computer programmer.....	40	<	19
Drafter.....	1,180	1.2	6
All other engineering technicians.....	120	0.1	(nc)
<b>Miscellaneous wood products (SIC 2490)</b>			
<b>Scientific and technical personnel</b> .....	760	0.9	(nc)
<b>Scientists</b> .....	120	0.1	(nc)
Life scientists.....	60	0.1	11
Foresters and conservation scientists.....	60	0.1	11
Computer analysts.....	60	0.1	4
<b>Managers of scientific and technical personnel</b> .....	80	0.1	3
<b>Engineers</b> .....	280	0.3	(nc)
Industrial.....	100	0.1	2
Mechanical.....	90	0.1	8
Other, n.e.c.....	90	0.1	(nc)
<b>Technicians</b> .....	280	0.3	(nc)
Computer programmer.....	40	0.1	5
Drafter.....	120	0.1	6
All other engineering technicians.....	120	0.1	(nc)

See explanatory information and SOURCE at end of table.

[Filled positions]

Page 17 of 46

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Household furniture (SIC 2510)</b>			
<b>Scientific and technical personnel</b> .....	2,700	0.9	(nc)
<b>Scientists</b> .....	200	0.1	6
Computer analysts.....	200	0.1	6
<b>Managers of scientific and technical personnel</b> .....	340	0.1	5
<b>Engineers</b> .....	820	0.3	(nc)
Industrial.....	370	0.1	5
Mechanical.....	170	0.1	4
Other, n.e.c.....	280	0.1	(nc)
<b>Technicians</b> .....	1,340	0.5	(nc)
Computer programmer.....	350	0.1	3
Drafter.....	530	0.2	2
Mechanical engineering technicians.....	70	<	13
All other engineering technicians.....	390	0.1	(nc)
<b>Office furniture (SIC 2520)</b>			
<b>Scientific and technical personnel</b> .....	3,080	4.4	(nc)
<b>Scientists</b> .....	350	0.5	(nc)
Computer analysts.....	350	0.5	(nc)
<b>Managers of scientific and technical personnel</b> .....	260	0.4	3
<b>Engineers</b> .....	1,250	1.8	(nc)
Industrial.....	330	0.5	2
Mechanical.....	340	0.5	1
Other, n.e.c.....	580	0.8	(nc)
<b>Technicians</b> .....	1,220	1.7	(nc)
Computer programmer.....	300	0.4	1
Drafter.....	500	0.7	5
Mechanical engineering technicians.....	50	0.1	2
All other engineering technicians.....	370	0.5	(nc)
<b>Public building &amp; related furniture (SIC 2530)</b>			
<b>Scientific and technical personnel</b> .....	1,960	4.1	(nc)
<b>Scientists</b> .....	150	0.3	(nc)
Computer analysts.....	150	0.3	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Public building &amp; related furniture (SIC 2530) -- continued:</b>			
<b>Managers of scientific and technical personnel</b> .....	190	0.4	2
<b>Engineers</b> .....	730	1.5	(nc)
Industrial.....	170	0.4	0
Mechanical.....	230	0.5	2
Other, n.e.c.....	330	0.7	(nc)
<b>Technicians</b> .....	890	1.9	(nc)
Computer programmer.....	50	0.1	2
Drafter.....	460	1	1
Mechanical engineering technicians.....	100	0.2	17
All other engineering technicians.....	280	0.6	(nc)
<b>Partitions and fixtures (SIC 2540)</b>			
<b>Scientific and technical personnel</b> .....	3,060	3.3	(nc)
<b>Scientists</b> .....	90	0.1	(nc)
Computer analysts.....	90	0.1	(nc)
<b>Managers of scientific and technical personnel</b> .....	250	0.3	3
<b>Engineers</b> .....	820	0.9	(nc)
Industrial.....	220	0.2	5
Mechanical.....	220	0.2	4
Sales.....	100	0.1	15
Other, n.e.c.....	280	0.3	(nc)
<b>Technicians</b> .....	1,900	2	(nc)
Computer programmer.....	120	0.1	5
Drafter.....	1,500	1.6	4
Mechanical engineering technicians.....	70	0.1	4
All other engineering technicians.....	210	0.2	(nc)
<b>Miscellaneous furniture and fixtures (SIC 2590)</b>			
<b>Scientific and technical personnel</b> .....	920	2.3	(nc)
<b>Scientists</b> .....	70	0.2	(nc)
Computer analysts.....	70	0.2	(nc)
<b>Managers of scientific and technical personnel</b> .....	80	0.2	4

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Miscellaneous furniture and fixtures (SIC 2590) -- continued:</b>			
<b>Engineers.....</b>	370	0.9	(nc)
Industrial.....	100	0.2	4
Mechanical.....	100	0.2	5
Sales.....	80	0.2	21
Other, n.e.c.....	90	0.2	7
<b>Technicians.....</b>	400	1	(nc)
Computer programmer.....	40	0.1	13
Drafter.....	270	0.7	1
Mechanical engineering technicians.....	30	0.1	11
All other engineering technicians.....	60	0.2	10
<b>Pulp mills (SIC 2610)</b>			
<b>Scientific and technical personnel.....</b>	620	5.4	(nc)
<b>Scientists.....</b>	120	1.1	(nc)
Life scientists.....	30	0.3	(nc)
All other life scientists.....	30	0.3	(nc)
Computer analysts.....	90	0.8	(nc)
<b>Managers of scientific and technical personnel.....</b>	60	0.5	0
<b>Engineers.....</b>	260	2.3	(nc)
Chemical.....	40	0.4	0
Electrical/electronics.....	40	0.4	0
Industrial.....	70	0.6	0
Mechanical.....	50	0.4	0
Other, n.e.c.....	60	0.5	(nc)
<b>Technicians.....</b>	180	1.6	(nc)
All other engineering technicians.....	110	1	(nc)
Physical and life science technicians.....	70	0.6	0
Chemical technicians, except health.....	70	0.6	0

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Paper mills (SIC 2620)</b>			
<b>Scientific and technical personnel.....</b>	7,560	5	(nc)
<b>Scientists.....</b>	880	0.6	(nc)
Physical scientists.....	330	0.2	(nc)
Chemists.....	180	0.1	9
All other physical scientists.....	150	0.1	1
Life scientists.....	220	0.2	(nc)
Foresters and conservation scientists.....	180	0.1	6
All other life scientists.....	40	<	(nc)
Computer analysts.....	330	0.2	(nc)
<b>Managers of scientific and technical personnel.....</b>	620	0.4	1
<b>Engineers.....</b>	4,070	2.7	(nc)
Chemical.....	960	0.6	5
Computer.....	210	0.1	<
Electrical/electronics.....	450	0.3	<
Industrial.....	550	0.4	1
Mechanical.....	980	0.7	1
Other, n.e.c.....	920	0.6	(nc)
<b>Technicians.....</b>	1,990	1.3	(nc)
Computer programmer.....	160	0.1	1
Drafter.....	110	0.1	1
Electrical/electronics engineering technician.....	420	0.3	2
Mechanical engineering technicians.....	90	0.1	3
All other engineering technicians.....	530	0.4	(nc)
Physical and life science technicians.....	680	0.5	(nc)
Chemical technicians, except health.....	550	0.4	6
All other physical and life science technicians.....	130	0.1	2
<b>Paperboard mills (SIC 2630)</b>			
<b>Scientific and technical personnel.....</b>	2,630	5.4	(nc)
<b>Scientists.....</b>	510	1.1	(nc)
Physical scientists.....	50	0.1	(nc)
All other physical scientists.....	50	0.1	(nc)
Life scientists.....	210	0.4	(nc)
Foresters and conservation scientists.....	110	0.2	21
All other life scientists.....	100	0.2	(nc)
Computer analysts.....	250	0.5	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Paperboard mills (SIC 2630) -- continued:</b>			
<b>Managers of scientific and technical personnel</b> .....	190	0.4	2
<b>Engineers</b> .....	1,160	2.4	(nc)
Chemical.....	260	0.5	1
Computer.....	80	0.2	0
Electrical/electronics.....	180	0.4	0
Industrial.....	200	0.4	1
Mechanical.....	290	0.6	1
Other, n.e.c.....	150	0.3	(nc)
<b>Technicians</b> .....	770	1.6	(nc)
Computer programmer.....	140	0.3	11
Drafter.....	60	0.1	0
Electrical/electronics engineering technician.....	60	0.1	0
Mechanical engineering technicians.....	40	0.1	0
All other engineering technicians.....	180	0.4	(nc)
Physical and life science technicians.....	290	0.6	(nc)
Chemical technicians, except health.....	100	0.2	0
All other physical and life science technicians.....	190	0.4	(nc)
<b>Paperboard containers and boxes (SIC 2650)</b>			
<b>Scientific and technical personnel</b> .....	2,390	1.1	(nc)
<b>Scientists</b> .....	290	0.1	(nc)
Physical scientists.....	50	<	39
Chemists.....	50	<	39
Computer analysts.....	240	0.1	(nc)
<b>Managers of scientific and technical personnel</b> .....	270	0.1	9
<b>Engineers</b> .....	850	0.4	(nc)
Chemical.....	120	0.1	18
Electrical/electronics.....	50	<	8
Industrial.....	200	0.1	3
Mechanical.....	180	0.1	6
Sales.....	60	<	8
Other, n.e.c.....	240	0.1	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Paperboard containers and boxes (SIC 2650) -- continued:</b>			
<b>Technicians.....</b>	980	0.5	(nc)
Computer programmer.....	90	<	7
Drafter.....	200	0.1	8
Electrical/electronics engineering technician.....	90	<	8
Mechanical engineering technicians.....	80	<	4
All other engineering technicians.....	420	0.2	(nc)
Physical and life science technicians.....	100	0.1	(nc)
All other physical and life science technicians.....	100	0.1	(nc)
<b>Misc. converted paper products (SIC 2670)</b>			
<b>Scientific and technical personnel.....</b>	9,780	4	(nc)
<b>Scientists.....</b>	2,080	0.9	(nc)
Physical scientists.....	680	0.3	(nc)
All other physical scientists.....	680	0.3	(nc)
Life scientists.....	100	<	(nc)
All other life scientists.....	100	<	(nc)
Computer analysts.....	1,300	0.5	(nc)
<b>Managers of scientific and technical personnel.....</b>	950	0.4	3
<b>Engineers.....</b>	3,890	1.6	(nc)
Chemical.....	160	0.1	5
Electrical/electronics.....	220	0.1	4
Industrial.....	690	0.3	4
Mechanical.....	390	0.2	2
Sales.....	80	<	22
Other, n.e.c.....	2,350	1	(nc)
<b>Technicians.....</b>	2,860	1.2	(nc)
Computer programmer.....	240	0.1	3
Drafter.....	160	0.1	11
Electrical/electronics engineering technician.....	550	0.2	3
Mechanical engineering technicians.....	150	0.1	7
All other engineering technicians.....	1,060	0.4	(nc)
Physical and life science technicians.....	700	0.3	(nc)
Chemical technicians, except health.....	360	0.2	6
All other physical and life science technicians.....	340	0.1	0

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Newspapers (SIC 2710)</b>			
<b>Scientific and technical personnel.....</b>	5,950	1.4	(nc)
<b>Scientists.....</b>	2,350	0.5	(nc)
Operations and systems researchers and analysts.....	60	<	0
All other mathematicians.....	210	0.1	(nc)
Social scientists.....	20	<	(nc)
All other social scientists.....	20	<	(nc)
Computer analysts.....	2,060	0.5	(nc)
<b>Managers of scientific and technical personnel.....</b>	740	0.2	1
<b>Engineers.....</b>	600	0.1	(nc)
Computer.....	100	<	0
Electrical/electronics.....	30	<	0
Industrial.....	160	<	1
Mechanical.....	160	<	1
Other, n.e.c.....	150	<	(nc)
<b>Technicians.....</b>	2,260	0.5	(nc)
Computer programmer.....	1,530	0.4	5
Electrical/electronics engineering technician.....	200	0.1	5
Mechanical engineering technicians.....	100	<	21
All other engineering technicians.....	430	0.1	(nc)
<b>Periodicals (SIC 2720)</b>			
<b>Scientific and technical personnel.....</b>	3,200	2.3	(nc)
<b>Scientists.....</b>	1,460	1.1	(nc)
Social scientists.....	60	<	27
Economists.....	60	<	27
Computer analysts.....	1,400	1	(nc)
<b>Managers of scientific and technical personnel.....</b>	340	0.3	3
<b>Engineers.....</b>	220	0.2	(nc)
Industrial.....	50	<	4
Other, n.e.c.....	170	0.1	(nc)
<b>Technicians.....</b>	1,180	0.9	(nc)
Computer programmer.....	1,040	0.8	5
Drafter.....	60	<	16
All other engineering technicians.....	80	0.1	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Books (SIC 2730)</b>			
<b>Scientific and technical personnel.....</b>	3,000	2.4	(nc)
<b>Scientists.....</b>	1,420	1.2	(nc)
Social scientists.....	50	<	3
Economists.....	50	<	3
Computer analysts.....	1,370	1.1	(nc)
<b>Managers of scientific and technical personnel.....</b>	350	0.3	2
<b>Engineers.....</b>	280	0.2	(nc)
Industrial.....	100	0.1	0
Other, n.e.c.....	180	0.2	(nc)
<b>Technicians.....</b>	950	0.8	(nc)
Computer programmer.....	800	0.7	5
Mechanical engineering technicians.....	50	<	0
All other engineering technicians.....	100	0.1	(nc)
<b>Miscellaneous publishing (SIC 2740)</b>			
<b>Scientific and technical personnel.....</b>	3,900	4.2	(nc)
<b>Scientists.....</b>	1,330	1.4	(nc)
All other mathematicians.....	50	0.1	(nc)
Social scientists.....	140	0.2	(nc)
Economists.....	130	0.1	2
All other social scientists.....	10	<	(nc)
Computer analysts.....	1,140	1.2	(nc)
<b>Managers of scientific and technical personnel.....</b>	290	0.3	2
<b>Engineers.....</b>	430	0.5	(nc)
Industrial.....	40	<	0
Sales.....	30	<	5
Other, n.e.c.....	360	0.4	(nc)
<b>Technicians.....</b>	1,850	2	(nc)
Computer programmer.....	1,140	1.2	8
Drafter.....	500	0.5	10
Surveyor.....	70	0.1	15
All other engineering technicians.....	140	0.2	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Commercial printing (SIC 2750)</b>			
<b>Scientific and technical personnel</b> .....	5,450	0.9	(nc)
<b>Scientists</b> .....	1,260	0.2	(nc)
Physical scientists.....	70	<	(nc)
All other physical scientists.....	70	<	(nc)
Social scientists.....	10	<	(nc)
All other social scientists.....	10	<	(nc)
Computer analysts.....	1,180	0.2	(nc)
<b>Managers of scientific and technical personnel</b> .....	560	0.1	4
<b>Engineers</b> .....	1,130	0.2	(nc)
Industrial.....	360	0.1	9
Mechanical.....	180	<	5
Sales	250	<	16
Other, n.e.c.....	340	0.1	(nc)
<b>Technicians</b> .....	2,500	0.4	(nc)
Computer programmer.....	1,290	0.2	11
Drafter.....	560	0.1	33
Electrical/electronics engineering technician.....	60	<	0
Mechanical engineering technicians.....	40	<	11
All other engineering technicians.....	500	0.1	(nc)
Physical and life science technicians.....	50	<	(nc)
All other physical and life science technicians.....	50	<	(nc)
<b>Manifold business forms (SIC 2760)</b>			
<b>Scientific and technical personnel</b> .....	380	0.9	(nc)
<b>Scientists</b> .....	170	0.4	(nc)
Computer analysts.....	170	0.4	(nc)
<b>Engineers</b> .....	60	0.2	(nc)
Other, n.e.c.....	60	0.2	(nc)
<b>Technicians</b> .....	150	0.4	(nc)
Computer programmer.....	110	0.3	13
All other engineering technicians.....	40	0.1	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Greeting cards (SIC 2770)</b>			
<b>Scientific and technical personnel</b> .....	760	2.7	(nc)
<b>Scientists</b> .....	290	1	(nc)
Computer analysts.....	290	1	(nc)
<b>Managers of scientific and technical personnel</b> .....	120	0.4	0
<b>Engineers</b> .....	50	0.2	(nc)
Other, n.e.c.....	50	0.2	(nc)
<b>Technicians</b> .....	300	1.1	(nc)
Computer programmer.....	40	0.1	0
Mechanical engineering technicians.....	70	0.3	2
All other engineering technicians.....	190	0.7	2
<b>Blankbooks and bookbinding (SIC 2780)</b>			
<b>Scientific and technical personnel</b> .....	680	1.1	(nc)
<b>Scientists</b> .....	190	0.3	(nc)
Computer analysts.....	190	0.3	(nc)
<b>Managers of scientific and technical personnel</b> .....	90	0.1	10
<b>Engineers</b> .....	120	0.2	(nc)
Industrial.....	60	0.1	5
Other, n.e.c.....	60	0.1	(nc)
<b>Technicians</b> .....	280	0.4	(nc)
Computer programmer.....	210	0.3	8
All other engineering technicians.....	70	0.1	(nc)
<b>Printing trade services (SIC 2790)</b>			
<b>Scientific and technical personnel</b> .....	1,170	2.4	(nc)
<b>Scientists</b> .....	390	0.8	(nc)
Physical scientists.....	60	0.1	(nc)
All other physical scientists.....	60	0.1	(nc)
Social scientists.....	30	0.1	(nc)
All other social scientists.....	30	0.1	(nc)
Computer analysts.....	300	0.6	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Printing trade services (SIC 2790) -- continued:</b>			
<b>Managers of scientific and technical personnel</b> .....	70	0.1	3
<b>Engineers</b> .....	140	0.3	(nc)
Other, n.e.c. ....	140	0.3	(nc)
<b>Technicians</b> .....	570	1.2	(nc)
Computer programmer.....	390	0.8	10
Drafter.....	40	0.1	28
Mechanical engineering technicians.....	30	0.1	0
All other engineering technicians.....	100	0.2	(nc)
Physical and life science technicians.....	10	<	(nc)
All other physical and life science technicians.....	10	<	(nc)
<b>Industrial inorganic chemicals (SIC 2810)</b>			
<b>Scientific and technical personnel</b> .....	21,410	18.6	(nc)
<b>Scientists</b> .....	3,800	3.3	(nc)
All other mathematicians.....	30	<	15
Physical scientists.....	2,810	2.5	(nc)
Chemists.....	2,450	2.1	5
All other physical scientists.....	360	0.3	(nc)
Life scientists.....	180	0.2	10
Biological scientists.....	180	0.2	10
Computer analysts.....	780	0.7	(nc)
<b>Engineers</b> .....	10,050	8.8	(nc)
Chemical.....	2,710	2.4	1
Electrical/electronics.....	230	0.2	2
Mechanical.....	1,190	1	2
Sales.....	420	0.4	7
Other, n.e.c. ....	5,500	4.8	(nc)
<b>Technicians</b> .....	7,560	6.6	(nc)
Drafter.....	270	0.2	1
Electrical/electronics engineering technician.....	290	0.3	2
Mechanical engineering technicians.....	270	0.2	2
All other engineering technicians.....	1,840	1.6	(nc)
Physical and life science technicians.....	4,890	4.3	(nc)
Chemical technicians, except health.....	4,290	3.7	2
All other physical and life science technicians.....	600	0.5	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Plastics materials and synthetics (SIC 2820)</b>			
<b>Scientific and technical personnel.....</b>	27,450	17.7	(nc)
<b>Scientists.....</b>	6,330	4.1	(nc)
Physical scientists.....	5,260	3.4	(nc)
Chemists.....	2,870	1.9	1
All other physical scientists.....	2,390	1.6	1
Life scientists.....	140	0.1	(nc)
All other life scientists.....	140	0.1	(nc)
Social scientists.....	40	<	6
Economists.....	40	<	6
Computer analysts.....	890	0.6	(nc)
<b>Managers of scientific and technical personnel.....</b>	1,510	1	2
<b>Engineers.....</b>	9,460	6.1	(nc)
Chemical.....	3,170	2.1	1
Civil.....	60	<	2
Computer.....	230	0.2	4
Electrical/electronics.....	390	0.3	2
Industrial.....	440	0.3	2
Mechanical.....	1,000	0.7	1
Metallurgical/metallurgists.....	60	<	9
Safety.....	310	0.2	2
Sales.....	260	0.2	3
Other, n.e.c.....	3,540	2.3	(nc)
<b>Technicians.....</b>	10,150	6.6	(nc)
Computer programmer.....	150	0.1	4
Drafter.....	180	0.1	2
Electrical/electronics engineering technician.....	420	0.3	6
Mechanical engineering technicians.....	170	0.1	14
All other engineering technicians.....	1,740	1.1	(nc)
Physical and life science technicians.....	7,490	4.9	(nc)
Biological science technician.....	120	0.1	14
Chemical technicians, except health.....	6,520	4.2	1
All other physical and life science technicians.....	850	0.6	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Drugs (SIC 2830)</b>			
<b>Scientific and technical personnel.....</b>	60,970	21.8	(nc)
<b>Scientists.....</b>	30,840	11	(nc)
Operations and systems researchers and analysts.....	60	<	0
Statisticians.....	120	<	0
All other mathematicians.....	170	0.1	(nc)
Physical scientists.....	13,620	4.9	(nc)
Chemists.....	11,770	4.2	3
All other physical scientists.....	1,850	0.7	(nc)
Life scientists.....	13,770	4.9	(nc)
Biological scientists.....	9,630	3.5	2
Medical scientists.....	1,880	0.7	1
All other life scientists.....	2,260	0.8	(nc)
Social scientists.....	70	<	0
Economists.....	70	<	0
Computer analysts.....	3,030	1.1	(nc)
<b>Managers of scientific and technical personnel.....</b>	4,300	1.5	1
<b>Engineers.....</b>	7,620	2.7	(nc)
Chemical.....	3,090	1.1	1
Civil.....	380	0.1	1
Computer.....	310	0.1	4
Electrical/electronics.....	300	0.1	4
Industrial.....	870	0.3	1
Mechanical.....	520	0.2	4
Safety.....	640	0.2	1
Sales.....	110	<	16
Other, n.e.c.....	1,400	0.5	(nc)
<b>Technicians.....</b>	18,210	6.5	(nc)
Computer programmer.....	580	0.2	2
Drafter.....	240	0.1	9
Electrical/electronics engineering technician.....	350	0.1	8
All other engineering technicians.....	1,840	0.7	(nc)
Physical and life science technicians.....	15,200	5.4	(nc)
Biological science technician.....	3,800	1.4	2
Chemical technicians, except health.....	9,320	3.3	2
All other physical and life science technicians.....	2,080	0.7	1

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Soap, cleaners, and toilet goods (SIC 2840)</b>			
<b>Scientific and technical personnel</b> .....	14,090	9	(nc)
<b>Scientists</b> .....	5,900	3.8	(nc)
Physical scientists.....	4,710	3	(nc)
Chemists.....	4,120	2.6	2
All other physical scientists.....	590	0.4	<
Life scientists.....	350	0.2	5
Biological scientists.....	350	0.2	5
Social scientists.....	20	<	(nc)
All other social scientists.....	20	<	(nc)
Computer analysts.....	820	0.5	(nc)
<b>Managers of scientific and technical personnel</b> .....	1,680	1.1	2
<b>Engineers</b> .....	2,500	1.6	(nc)
Chemical.....	590	0.4	6
Computer.....	70	<	4
Electrical/electronics.....	90	0.1	0
Industrial.....	250	0.2	5
Mechanical.....	200	0.1	5
Safety.....	130	0.1	7
Sales.....	110	0.1	11
Other, n.e.c.....	1,060	0.7	(nc)
<b>Technicians</b> .....	4,010	2.6	(nc)
Computer programmer.....	250	0.2	2
Drafter.....	40	<	3
Electrical/electronics engineering technician.....	80	0.1	2
Mechanical engineering technicians.....	160	0.1	1
All other engineering technicians.....	480	0.3	(nc)
Physical and life science technicians.....	3,000	1.9	(nc)
Biological science technician.....	100	0.1	6
Chemical technicians, except health.....	2,670	1.7	2
All other physical and life science technicians.....	230	0.2	(nc)
<b>Paints and allied products (SIC 2850)</b>			
<b>Scientific and technical personnel</b> .....	6,920	13.3	(nc)
<b>Scientists</b> .....	2,100	4.1	(nc)
Physical scientists.....	1,970	3.8	(nc)
Chemists.....	1,890	3.7	2
All other physical scientists.....	80	0.2	0
Computer analysts.....	130	0.3	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Paints and allied products (SIC 2850) -- continued:</b>			
<b>Managers of scientific and technical personnel</b> .....	290	0.6	3
<b>Engineers</b> .....	880	1.7	(nc)
Chemical.....	410	0.8	4
Industrial.....	90	0.2	5
Mechanical.....	90	0.2	11
Safety.....	40	0.1	4
Sales.....	170	0.3	7
Other, n.e.c.....	80	0.2	(nc)
<b>Technicians</b> .....	3,650	7.1	(nc)
Computer programmer.....	60	0.1	5
All other engineering technicians.....	1,070	2.1	(nc)
Physical and life science technicians.....	2,520	4.9	(nc)
Chemical technicians, except health.....	2,410	4.7	1
All other physical and life science technicians.....	110	0.2	(nc)
<b>Industrial organic chemicals (SIC 2860)</b>			
<b>Scientific and technical personnel</b> .....	29,210	21.6	(nc)
<b>Scientists</b> .....	9,550	7.1	(nc)
All other mathematicians.....	190	0.1	0
Physical scientists.....	6,610	4.9	(nc)
Chemists.....	6,110	4.5	3
Atmospheric and space scientists.....	90	0.1	0
All other physical scientists.....	410	0.3	(nc)
Life scientists.....	1,240	0.9	(nc)
Biological scientists.....	1,120	0.8	4
Medical scientists.....	80	0.1	0
All other life scientists.....	40	<	22
Social scientists.....	20	<	(nc)
All other social scientists.....	20	<	(nc)
Computer analysts.....	1,490	1.1	(nc)
<b>Managers of scientific and technical personnel</b> .....	1,510	1.1	1

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Industrial organic chemicals (SIC 2860) -- continued:</b>			
<b>Engineers.....</b>	7,490	5.6	(nc)
Chemical.....	3,470	2.6	2
Civil.....	90	0.1	8
Computer.....	70	0.1	22
Electrical/electronics.....	470	0.4	5
Industrial.....	320	0.2	3
Mechanical.....	820	0.6	2
Safety.....	280	0.2	3
Sales.....	130	0.1	10
Other, n.e.c.....	1,840	1.4	(nc)
<b>Technicians.....</b>	10,660	7.9	(nc)
Computer programmer.....	580	0.4	3
Drafter.....	270	0.2	2
Electrical/electronics engineering technician.....	300	0.2	1
Mechanical engineering technicians.....	350	0.3	1
All other engineering technicians.....	920	0.7	(nc)
Physical and life science technicians.....	8,240	6.1	(nc)
Biological science technician.....	840	0.6	3
Chemical technicians, except health.....	6,100	4.5	1
All other physical and life science technicians.....	1,300	1	(nc)
<b>Agricultural chemicals (SIC 2870)</b>			
<b>Scientific and technical personnel.....</b>	6,670	13.3	(nc)
<b>Scientists.....</b>	2,180	4.4	(nc)
Physical scientists.....	1,030	2.1	(nc)
Chemists.....	790	1.6	4
Geologists, geophysicists, and earth scientists.....	30	0.1	0
All other physical scientists.....	210	0.4	<
Life scientists.....	390	0.8	(nc)
Biological scientists.....	360	0.7	6
All other life scientists.....	30	0.1	(nc)
Computer analysts.....	760	1.5	(nc)
<b>Managers of scientific and technical personnel.....</b>	340	0.7	2

See explanatory information and SOURCE at end of table.

[Filled positions]

Page 33 of 46

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Agricultural chemicals (SIC 2870) -- continued:</b>			
Engineers.....	1,800	3.6	(nc)
Chemical.....	800	1.6	1
Computer.....	40	0.1	5
Electrical/electronics.....	120	0.2	1
Mechanical.....	330	0.7	3
Safety.....	150	0.3	3
Sales.....	60	0.1	7
Other, n.e.c.....	300	0.6	(nc)
Technicians.....	2,350	4.7	(nc)
Drafter.....	100	0.2	2
Electrical/electronics engineering technician.....	200	0.4	4
Mechanical engineering technicians.....	70	0.1	0
All other engineering technicians.....	380	0.8	(nc)
Physical and life science technicians.....	1,600	3.2	(nc)
Biological science technician.....	90	0.2	33
Chemical technicians, except health.....	1,430	2.9	6
All other physical and life science technicians.....	80	0.2	(nc)
<b>Miscellaneous chemical products (SIC 2890)</b>			
Scientific and technical personnel.....	13,550	14.4	(nc)
Scientists.....	3,430	3.7	(nc)
Physical scientists.....	3,070	3.3	(nc)
Chemists.....	2,900	3.1	2
All other physical scientists.....	170	0.2	11
Life scientists.....	80	0.1	9
Biological scientists.....	80	0.1	9
Social scientists.....	10	<	(nc)
All other social scientists.....	10	<	(nc)
Computer analysts.....	270	0.3	(nc)
Managers of scientific and technical personnel.....	980	1	3

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Miscellaneous chemical products (SIC 2890) -- continued:</b>			
<b>Engineers.....</b>	3,630	3.9	(nc)
Chemical.....	1,260	1.3	3
Computer.....	30	<	3
Electrical/electronics.....	130	0.1	1
Industrial.....	560	0.6	1
Mechanical.....	450	0.5	3
Metallurgical/metallurgists.....	60	0.1	15
Safety.....	210	0.2	3
Sales.....	430	0.5	14
Other, n.e.c.....	500	0.5	(nc)
<b>Technicians.....</b>	5,510	5.9	(nc)
Computer programmer.....	110	0.1	7
Drafter.....	150	0.2	3
Electrical/electronics engineering technician.....	140	0.2	2
Mechanical engineering technicians.....	170	0.2	1
All other engineering technicians.....	780	0.8	(nc)
Physical and life science technicians.....	4,160	4.4	(nc)
Biological science technician.....	40	<	14
Chemical technicians, except health.....	3,980	4.2	3
All other physical and life science technicians.....	140	0.2	12
<b>Petroleum refining (SIC 2910)</b>			
<b>Scientific and technical personnel.....</b>	12,340	13.2	(nc)
<b>Scientists.....</b>	1,790	1.9	(nc)
Operations and systems researchers and analysts.....	50	0.1	0
All other mathematicians.....	30	<	(nc)
Physical scientists.....	870	0.9	(nc)
Chemists.....	530	0.6	2
All other physical scientists.....	340	0.4	(nc)
Social scientists.....	100	0.1	(nc)
Economists.....	90	0.1	16
All other social scientists.....	10	<	(nc)
Computer analysts.....	740	0.8	(nc)
<b>Managers of scientific and technical personnel.....</b>	670	0.7	2

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Petroleum refining (SIC 2910) -- continued:</b>			
<b>Engineers.....</b>	5,530	5.9	(nc)
Chemical.....	1,100	1.2	2
Civil.....	160	0.2	2
Computer.....	100	0.1	1
Electrical/electronics.....	170	0.2	2
Industrial.....	590	0.6	8
Mechanical.....	520	0.6	1
Safety.....	370	0.4	<
Sales.....	130	0.1	2
Other, n.e.c.....	2,390	2.6	(nc)
<b>Technicians.....</b>	4,350	4.7	(nc)
Computer programmer.....	160	0.2	4
Drafter.....	220	0.2	2
Electrical/electronics engineering technician.....	290	0.3	2
Mechanical engineering technicians.....	120	0.1	3
All other engineering technicians.....	760	0.8	(nc)
Physical and life science technicians.....	2,800	3	(nc)
Chemical technicians, except health.....	1,490	1.6	2
All other physical and life science technicians.....	1,310	1.4	(nc)
<b>Asphalt paving and roofing materials (SIC 2950)</b>			
<b>Scientific and technical personnel.....</b>	670	2.3	(nc)
<b>Scientists.....</b>	90	0.3	(nc)
Physical scientists.....	50	0.2	10
Chemists.....	50	0.2	10
Computer analysts.....	40	0.1	(nc)
<b>Managers of scientific and technical personnel.....</b>	80	0.3	5
<b>Engineers.....</b>	210	0.7	(nc)
Civil.....	40	0.1	19
Mechanical.....	40	0.1	14
Sales.....	40	0.1	0
Other, n.e.c.....	90	0.3	(nc)
<b>Technicians.....</b>	290	1	(nc)
All other engineering technicians.....	110	0.4	(nc)
Physical and life science technicians.....	180	0.6	9
Chemical technicians, except health.....	180	0.6	9

See explanatory information and SOURCE at end of table.

## [Filled positions]

Page 36 of 46

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Misc. petroleum and coal products (SIC 2990)</b>			
<b>Scientific and technical personnel</b> .....	1,390	9.6	(nc)
<b>Scientists</b> .....	400	2.8	(nc)
Physical scientists.....	330	2.3	3
Chemists.....	330	2.3	3
Computer analysts.....	70	0.5	(nc)
<b>Managers of scientific and technical personnel</b> .....	120	0.8	4
<b>Engineers</b> .....	310	2.1	(nc)
Chemical.....	110	0.8	3
Mechanical.....	40	0.3	4
Sales.....	60	0.4	7
Other, n.e.c.....	100	0.7	(nc)
<b>Technicians</b> .....	560	3.9	(nc)
All other engineering technicians.....	200	1.4	(nc)
Physical and life science technicians.....	360	2.5	(nc)
Chemical technicians, except health.....	300	2.1	5
All other physical and life science technicians.....	60	0.4	18
<b>Tires and inner tubes (SIC 3010)</b>			
<b>Scientific and technical personnel</b> .....	3,060	4	(nc)
<b>Scientists</b> .....	240	0.3	(nc)
Physical scientists.....	130	0.2	0
Chemists.....	130	0.2	0
Computer analysts.....	110	0.1	0
<b>Managers of scientific and technical personnel</b> .....	220	0.3	<
<b>Engineers</b> .....	1,300	1.7	(nc)
Chemical.....	300	0.4	0
Electrical/electronics.....	280	0.4	0
Industrial.....	270	0.4	0
Mechanical.....	210	0.3	0
Other, n.e.c.....	240	0.3	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Tires and inner tubes (SIC 3010) -- continued:</b>			
<b>Technicians.....</b>	1,300	1.7	(nc)
Computer programmer.....	60	0.1	0
Drafter.....	50	0.1	0
Electrical/electronics engineering technician.....	80	0.1	0
Mechanical engineering technicians.....	150	0.2	0
All other engineering technicians.....	560	0.7	(nc)
Physical and life science technicians.....	400	0.5	(nc)
Chemical technicians, except health.....	300	0.4	0
All other physical and life science technicians.....	100	0.1	0
<b>Rubber and plastics footwear (SIC 3020)</b>			
<b>Scientific and technical personnel.....</b>	140	2.4	(nc)
<b>Scientists.....</b>	100	1.7	(nc)
Physical scientists.....	10	0.2	(nc)
All other physical scientists.....	10	0.2	(nc)
Computer analysts.....	90	1.6	(nc)
<b>Engineers.....</b>	40	0.7	(nc)
Other, n.e.c.....	40	0.7	(nc)
<b>Hose &amp; belting &amp; gaskets &amp; packing (SIC 3050)</b>			
<b>Scientific and technical personnel.....</b>	4,380	6.2	(nc)
<b>Scientists.....</b>	430	0.6	(nc)
Physical scientists.....	110	0.2	2
Chemists.....	110	0.2	2
Social scientists.....	70	0.1	(nc)
All other social scientists.....	70	0.1	(nc)
Computer analysts.....	250	0.4	(nc)
<b>Managers of scientific and technical personnel.....</b>	480	0.7	2
<b>Engineers.....</b>	1,870	2.7	(nc)
Chemical.....	170	0.2	5
Computer.....	60	0.1	2
Electrical/electronics.....	50	0.1	5
Industrial.....	310	0.4	2
Mechanical.....	670	1	2
Sales.....	140	0.2	2
Other, n.e.c.....	470	0.7	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Hose &amp; belting &amp; gaskets &amp; packing (SIC 3050) -- continued:</b>			
<b>Technicians.....</b>	1,600	2.3	(nc)
Drafter.....	310	0.4	3
Electrical/electronics engineering technician.....	90	0.1	2
Mechanical engineering technicians.....	300	0.4	7
All other engineering technicians.....	670	1	(nc)
Physical and life science technicians.....	230	0.3	3
Chemical technicians, except health.....	230	0.3	3
<b>Fabricated rubber products, n.e.c. (SIC 3060)</b>			
<b>Scientific and technical personnel.....</b>	4,920	4.4	(nc)
<b>Scientists.....</b>	440	0.4	(nc)
Physical scientists.....	300	0.3	4
Chemists.....	300	0.3	4
Computer analysts.....	140	0.1	2
<b>Managers of scientific and technical personnel.....</b>	650	0.6	6
<b>Engineers.....</b>	1,850	1.7	(nc)
Chemical.....	140	0.1	15
Computer.....	50	<	9
Electrical/electronics.....	70	0.1	5
Industrial.....	320	0.3	3
Mechanical.....	690	0.6	3
Sales.....	130	0.1	3
Other, n.e.c.....	450	0.4	(nc)
<b>Technicians.....</b>	1,980	1.8	(nc)
Computer programmer.....	170	0.2	5
Drafter.....	220	0.2	3
Electrical/electronics engineering technician.....	70	0.1	5
Mechanical engineering technicians.....	310	0.3	3
All other engineering technicians.....	490	0.4	(nc)
Physical and life science technicians.....	720	0.6	(nc)
Chemical technicians, except health.....	580	0.5	5
All other physical and life science technicians.....	140	0.1	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Miscellaneous plastics products, n.e.c. (SIC 3080) -- continued:</b>			
<b>Scientific and technical personnel.....</b>	27,670	3.7	(nc)
<b>Scientists.....</b>	1,640	0.2	(nc)
Physical scientists.....	650	0.1	(nc)
Chemists.....	450	0.1	7
All other physical scientists.....	200	<	(nc)
Life scientists.....	50	<	(nc)
All other life scientists.....	50	<	(nc)
Computer analysts.....	940	0.1	(nc)
<b>Managers of scientific and technical personnel.....</b>	3,650	0.5	3
<b>Engineers.....</b>	12,820	1.7	(nc)
Chemical.....	950	0.1	5
Computer.....	360	0.1	7
Electrical/electronics.....	450	0.1	5
Industrial.....	2,650	0.4	2
Mechanical.....	3,990	0.5	2
Sales.....	960	0.1	5
Other, n.e.c.....	3,460	0.5	(nc)
<b>Technicians.....</b>	9,560	1.3	(nc)
Computer programmer.....	710	0.1	(nc)
Drafter.....	1,540	0.2	3
Electrical/electronics engineering technician.....	720	0.1	3
Mechanical engineering technicians.....	1,380	0.2	4
All other engineering technicians.....	3,180	0.4	(nc)
Physical and life science technicians.....	2,030	0.3	(nc)
Chemical technicians, except health.....	1,760	0.2	5
All other physical and life science technicians.....	270	<	(nc)
<b>Leather tanning and finishing (SIC 3110)</b>			
<b>Scientific and technical personnel.....</b>	370	2.9	(nc)
<b>Scientists.....</b>	60	0.5	(nc)
Computer analysts.....	60	0.5	(nc)
<b>Managers of scientific and technical personnel.....</b>	40	0.3	6
<b>Engineers.....</b>	30	0.2	(nc)
Other, n.e.c.....	30	0.2	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Leather tanning and finishing (SIC 3110) -- continued:</b>			
<b>Technicians.....</b>	240	1.9	(nc)
All other engineering technicians.....	40	0.3	(nc)
Physical and life science technicians.....	200	1.6	(nc)
Chemical technicians, except health.....	50	0.4	9
All other physical and life science technicians.....	150	1.2	2
<b>Footwear, except rubber (SIC 3140)</b>			
<b>Scientific and technical personnel.....</b>	310	0.9	(nc)
<b>Scientists.....</b>	100	0.3	(nc)
Computer analysts.....	100	0.3	(nc)
<b>Managers of scientific and technical personnel.....</b>	60	0.2	0
<b>Engineers.....</b>	70	0.2	(nc)
Industrial.....	30	0.1	7
Other, n.e.c.....	40	0.1	(nc)
<b>Technicians.....</b>	80	0.2	(nc)
Computer programmer.....	30	0.1	0
All other engineering technicians.....	50	0.1	3
<b>Luggage (SIC 3160)</b>			
<b>Scientific and technical personnel.....</b>	140	1.5	(nc)
<b>Scientists.....</b>	50	0.5	(nc)
Computer analysts.....	50	0.5	(nc)
<b>Engineers.....</b>	50	0.5	(nc)
Other, n.e.c.....	50	0.5	(nc)
<b>Technicians.....</b>	40	0.4	(nc)
All other engineering technicians.....	40	0.4	(nc)
<b>Handbags and personal leather goods (SIC 3170)</b>			
<b>Scientific and technical personnel.....</b>	40	0.5	(nc)
<b>Scientists.....</b>	40	0.5	(nc)
Computer analysts.....	40	0.5	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Leather goods, n.e.c. (SIC 3190)</b>			
<b>Scientific and technical personnel</b> .....	70	0.6	(nc)
<b>Engineers</b> .....	40	0.3	(nc)
Other, n.e.c. ....	40	0.3	(nc)
<b>Technicians</b> .....	30	0.2	(nc)
All other engineering technicians.....	30	0.2	(nc)
<b>Flat glass (SIC 3210)</b>			
<b>Scientific and technical personnel</b> .....	720	4.3	(nc)
<b>Scientists</b> .....	80	0.5	(nc)
Physical scientists.....	10	0.1	(nc)
All other physical scientists.....	10	0.1	(nc)
Computer analysts.....	70	0.4	(nc)
<b>Managers of scientific and technical personnel</b> .....	50	0.3	0
<b>Engineers</b> .....	340	2.1	(nc)
Electrical/electronics.....	40	0.2	0
Industrial.....	50	0.3	0
Mechanical.....	40	0.2	0
Other, n.e.c. ....	210	1.3	(nc)
<b>Technicians</b> .....	250	1.5	(nc)
Computer programmer.....	40	0.2	0
Electrical/electronics engineering technician.....	70	0.4	0
All other engineering technicians.....	80	0.5	(nc)
Physical and life science technicians.....	60	0.4	(nc)
All other physical and life science technicians.....	60	0.4	(nc)
<b>Glass and glassware, pressed or blown (SIC 3220)</b>			
<b>Scientific and technical personnel</b> .....	3,660	5.3	(nc)
<b>Scientists</b> .....	490	0.7	(nc)
Computer analysts.....	490	0.7	(nc)
<b>Managers of scientific and technical personnel</b> .....	260	0.4	2

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Glass and glassware, pressed or blown (SIC 3220) -- continued:</b>			
<b>Engineers.....</b>	1,960	2.8	(nc)
Chemical.....	90	0.1	2
Computer.....	300	0.4	0
Electrical/electronics.....	70	0.1	1
Industrial.....	230	0.3	1
Mechanical.....	490	0.7	1
Metallurgical/metallurgists.....	90	0.1	5
Sales.....	50	0.1	10
Other, n.e.c.....	640	0.9	(nc)
<b>Technicians.....</b>	950	1.4	(nc)
Computer programmer.....	100	0.1	(nc)
Drafter.....	60	0.1	0
Electrical/electronics engineering technician.....	130	0.2	0
Mechanical engineering technicians.....	200	0.3	1
All other engineering technicians.....	380	0.6	(nc)
Physical and life science technicians.....	80	0.1	(nc)
Chemical technicians, except health.....	40	0.1	4
All other physical and life science technicians.....	40	0.1	0
<b>Products of purchased glass (SIC 3230)</b>			
<b>Scientific and technical personnel.....</b>	1,900	2.9	(nc)
<b>Scientists.....</b>	110	0.2	(nc)
Computer analysts.....	110	0.2	(nc)
<b>Managers of scientific and technical personnel.....</b>	160	0.2	2
<b>Engineers.....</b>	1,040	1.6	(nc)
Electrical/electronics.....	120	0.2	37
Industrial.....	250	0.4	3
Mechanical.....	310	0.5	15
Other, n.e.c.....	360	0.5	(nc)
<b>Technicians.....</b>	590	0.9	(nc)
Computer programmer.....	70	0.1	10
Drafter.....	130	0.2	6
Electrical/electronics engineering technician.....	60	0.1	0
Mechanical engineering technicians.....	100	0.2	1
All other engineering technicians.....	220	0.3	(nc)
Physical and life science technicians.....	10	<	(nc)
All other physical and life science technicians.....	10	<	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Cement, hydraulic (SIC 3240)</b>			
<b>Scientific and technical personnel</b> .....	1,480	8.4	(nc)
<b>Scientists</b> .....	260	1.5	(nc)
Physical scientists.....	140	0.8	3
Chemists.....	140	0.8	3
Computer analysts.....	120	0.7	(nc)
<b>Managers of scientific and technical personnel</b> .....	110	0.6	2
<b>Engineers</b> .....	440	2.5	(nc)
Chemical.....	40	0.2	3
Civil.....	40	0.2	0
Electrical/electronics.....	70	0.4	2
Industrial.....	120	0.7	1
Mechanical.....	60	0.3	0
Other, n.e.c.....	110	0.6	(nc)
<b>Technicians</b> .....	670	3.8	(nc)
Computer programmer.....	40	0.2	4
Electrical/electronics engineering technician.....	90	0.5	5
Civil engineering technician.....	40	0.2	0
All other engineering technicians.....	90	0.5	(nc)
Physical and life science technicians.....	410	2.3	(nc)
Chemical technicians, except health.....	360	2	1
All other physical and life science technicians.....	50	0.3	11
<b>Structural clay products (SIC 3250)</b>			
<b>Scientific and technical personnel</b> .....	870	2.7	(nc)
<b>Scientists</b> .....	80	0.2	(nc)
Computer analysts.....	80	0.2	(nc)
<b>Managers of scientific and technical personnel</b> .....	90	0.3	15
<b>Engineers</b> .....	420	1.3	(nc)
Mechanical.....	40	0.1	6
Metallurgical/metallurgists.....	170	0.5	5
Sales.....	80	0.2	0
Other, n.e.c.....	130	0.4	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Structural clay products (SIC 3250) -- continued:</b>			
<b>Technicians</b> .....	280	0.9	(nc)
Computer programmer.....	40	0.1	6
Drafter.....	30	0.1	5
All other engineering technicians.....	210	0.6	(nc)
<b>Pottery and related products (SIC 3260)</b>			
<b>Scientific and technical personnel</b> .....	1,500	3.9	(nc)
<b>Scientists</b> .....	140	0.4	(nc)
Computer analysts.....	140	0.4	(nc)
<b>Managers of scientific and technical personnel</b> .....	140	0.4	2
<b>Engineers</b> .....	600	1.6	(nc)
Industrial.....	180	0.5	2
Mechanical.....	90	0.2	2
Metallurgical/metallurgists.....	170	0.4	3
Sales.....	60	0.2	11
Other, n.e.c.....	100	0.3	(nc)
<b>Technicians</b> .....	620	1.6	(nc)
Drafter.....	40	0.1	3
Electrical/electronics engineering technician.....	50	0.1	0
Mechanical engineering technicians.....	40	0.1	0
All other engineering technicians.....	430	1.1	(nc)
Physical and life science technicians.....	60	0.2	4
Chemical technicians, except health.....	60	0.2	4
<b>Concrete, gypsum, and plaster products (SIC 3270)</b>			
<b>Scientific and technical personnel</b> .....	3,580	1.6	(nc)
<b>Scientists</b> .....	220	0.1	(nc)
Physical scientists.....	70	<	12
Chemists.....	70	<	12
Computer analysts.....	150	0.1	(nc)
<b>Managers of scientific and technical personnel</b> .....	400	0.2	2

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Concrete, gypsum, and plaster products (SIC 3270) -- continued:</b>			
Engineers.....	1,320	0.6	(nc)
Chemical.....	50	<	10
Civil.....	320	0.1	9
Electrical/electronics.....	40	<	4
Industrial.....	250	0.1	1
Mechanical.....	130	0.1	5
Sales.....	270	0.1	5
Other, n.e.c.....	260	0.1	(nc)
Technicians.....	1,640	0.7	(nc)
Computer programmer.....	70	<	10
Drafter.....	1,150	0.5	5
Civil engineering technician.....	60	<	10
All other engineering technicians.....	210	0.1	(nc)
Physical and life science technicians.....	150	0.1	5
Chemical technicians, except health.....	150	0.1	5
<b>Cut stone and stone products (SIC 3280)</b>			
Scientific and technical personnel.....	310	1.9	6
Technicians.....	310	1.9	6
Drafter.....	310	1.9	6
<b>Misc. nonmetallic mineral products (SIC 3290)</b>			
Scientific and technical personnel.....	3,250	4.2	(nc)
Scientists.....	360	0.5	(nc)
Physical scientists.....	150	0.2	(nc)
Chemists.....	100	0.1	5
All other physical scientists.....	50	0.1	(nc)
Computer analysts.....	210	0.3	(nc)
Managers of scientific and technical personnel.....	270	0.4	4
Engineers.....	1,550	2	(nc)
Chemical.....	60	0.1	7
Computer.....	30	<	5
Electrical/electronics.....	80	0.1	6
Industrial.....	320	0.4	10
Mechanical.....	310	0.4	6
Metallurgical/metallurgists.....	170	0.2	9
Sales.....	200	0.3	2
Other, n.e.c.....	380	0.5	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Misc. nonmetallic mineral products (SIC 3290) -- continued:</b>			
Technicians.....	1,070	1.4	(nc)
Computer programmer.....	40	0.1	3
Drafter.....	200	0.3	1
Electrical/electronics engineering technician.....	100	0.1	1
Mechanical engineering technicians.....	40	0.1	16
All other engineering technicians.....	440	0.6	(nc)
Physical and life science technicians.....	250	0.3	10
Chemical technicians, except health.....	250	0.3	10

<sup>1</sup>SET intensity = the ratio of SET employment (including SET managers) in a given SIC to total employment in that SIC, expressed in percentage terms.

**NOTE:** Because of rounding, components may not add to totals.

**KEY:**

- nc = Not computed
- < = The estimated actual value is less than 0.05 for percentages. For relative standard error, < = a small value rounded to 0. Estimated actual values of zero for relative standard error are shown as 0.
- 0 = Data were collected and the reported number or value was zero.
- n.e.c. = Not elsewhere classified

**SOURCE:** National Science Foundation/Division of Science Resources Statistics, using data from U.S. Department of Labor/Bureau of Labor Statistics, Occupational Employment Statistics Survey